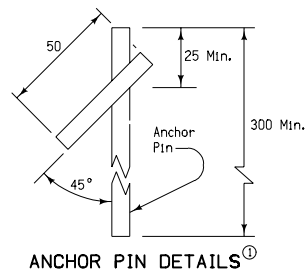
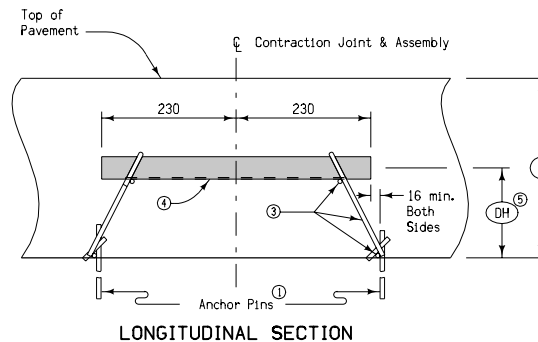


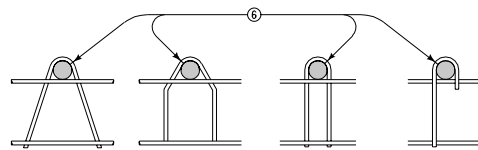
DOWEL HEIGHT AND DIAMETER		
(T)	(DH) (5)	Diameter
180-190 mm	90 mm	20 mm
200-240 mm	110 mm	30 mm
250-290 mm	135 mm	35 mm
300-330 mm	160 mm	35 mm



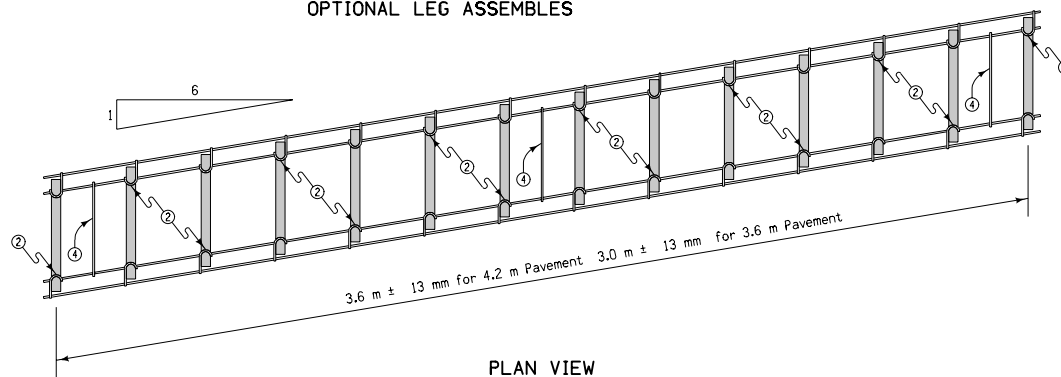
ANCHOR PIN DETAILS ①



LONGITUDINAL SECTION

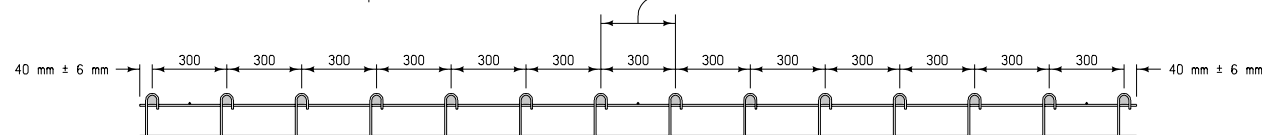


OPTIONAL LEG ASSEMBLIES



PLAN VIEW

Spaces between dowel bars are nominal dimensions with a 6 mm allowable tolerance.



ELEVATION

GENERAL NOTES:

Dowel bars shall be 457 mm long with a tolerance of ± 3 mm. The centerline of individual dowels shall be parallel to the other dowels in the assembly within ± 3 mm.

Wire size shown are minimum required, and the wire shall have a minimum tensile strength of 345 MPA.

- ① (8) anchor pins minimum required, 4 per side. Pins shall be #1/0 gage (8 mm) wire, be a minimum length of 300 mm, and shall prevent movement of assembly during construction.
- ② Weld alternately thru-out.
- ③ #1/0 gage (8 mm) wire.
- ④ (3) #10 gage (4 mm) wire, tie wire welded or friction fit to top longitudinal wire, both sides.
- ⑤ Measured from the centerline of dowel bar to bottom of support wire ± 6 mm.
- ⑥ Diameter of bend around dowel is dowel diameter ± 3 mm to 5 mm.

All dimensions given in millimeters unless noted.

METRIC VERSION	M	Iowa Department of Transportation Highway Division	
		STANDARD ROAD PLAN	RH-57
		REVISION: Removed table with number of dowels.	REVISION NO. 3
		APPROVED BY DESIGN METHODS ENGINEER <i>William J. Skan</i>	REVISION DATE 10-21-03
		FABRICATION DETAILS CONTRACTION JOINT SKEWED DOWEL ASSEMBLY	